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| --- | --- |
|  | **Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** |
| **Examples:**  The chart below shows examples of questions that produce categorical or numerical data   |  |  | | --- | --- | | **Categorical** | **Numerical** | | What is your favorite type of music?  Who is your favorite actor?  What is your favorite dessert? | How many shoes do you have?  How many inches tall are you?  How many miles can you run? | | |
| **Guided Practice:**  Look at the questions below – identify the questions as categorical or numerical by circling your answer for each question.   |  |  | | --- | --- | | 1. How many people have skateboards in our class? | \\dcprep-dc-01\home\rfroehlich\My Documents\My Pictures\Microsoft Clip Organizer\j0441924.wmf Categorical \\dcprep-dc-01\home\rfroehlich\My Documents\My Pictures\Microsoft Clip Organizer\j0434727.png Numerical | |  |  | | 1. What is your favorite type of book? | \\dcprep-dc-01\home\rfroehlich\My Documents\My Pictures\Microsoft Clip Organizer\j0441924.wmf Categorical \\dcprep-dc-01\home\rfroehlich\My Documents\My Pictures\Microsoft Clip Organizer\j0434727.png Numerical | |  |  | | 1. What is your favorite season? | \\dcprep-dc-01\home\rfroehlich\My Documents\My Pictures\Microsoft Clip Organizer\j0441924.wmf Categorical \\dcprep-dc-01\home\rfroehlich\My Documents\My Pictures\Microsoft Clip Organizer\j0434727.png Numerical | |  |  | | 1. How many points did you earn for prep check? | \\dcprep-dc-01\home\rfroehlich\My Documents\My Pictures\Microsoft Clip Organizer\j0441924.wmf Categorical \\dcprep-dc-01\home\rfroehlich\My Documents\My Pictures\Microsoft Clip Organizer\j0434727.png Numerical | |  |  | | 1. How many states have you visited? | \\dcprep-dc-01\home\rfroehlich\My Documents\My Pictures\Microsoft Clip Organizer\j0441924.wmf Categorical \\dcprep-dc-01\home\rfroehlich\My Documents\My Pictures\Microsoft Clip Organizer\j0434727.png Numerical | |  |  | | 1. Which countries have you been to? | \\dcprep-dc-01\home\rfroehlich\My Documents\My Pictures\Microsoft Clip Organizer\j0441924.wmf Categorical \\dcprep-dc-01\home\rfroehlich\My Documents\My Pictures\Microsoft Clip Organizer\j0434727.png Numerical | |  |  | | 1. What was your score on your last math test? | \\dcprep-dc-01\home\rfroehlich\My Documents\My Pictures\Microsoft Clip Organizer\j0441924.wmf Categorical \\dcprep-dc-01\home\rfroehlich\My Documents\My Pictures\Microsoft Clip Organizer\j0434727.png Numerical | | 1. What was your grade on your last math test? | \\dcprep-dc-01\home\rfroehlich\My Documents\My Pictures\Microsoft Clip Organizer\j0441924.wmf Categorical \\dcprep-dc-01\home\rfroehlich\My Documents\My Pictures\Microsoft Clip Organizer\j0434727.png Numerical |   Write your own **numerical** question:  Write your own **categorical** question: | |